

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-170071

(43)Date of publication of application : 26.06.1998

(51)Int.Cl.

F24H 3/04

F24H 3/04

B03C 3/02

B03C 3/74

(21)Application number : 08-326389

(71)Applicant : MATSUSHITA ELECTRIC IND CO  
LTD

(22)Date of filing : 06.12.1996

(72)Inventor : UNO HIROSHI  
TAKEYAMA HIROSHI

## (54) ELECTRICAL HEATING DEVICE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an electrical heating device in which pollution particles in indoor air are removed by electrical dust collecting operation and influence against health of a user and an uncomfortable feeling caused by air pollution of pollen and mold or the like are eliminated.

**SOLUTION:** This device is comprised of an ionization section 8 for ionizing indoor air blown out of a blower, a dust collecting section 11 for collecting dusts of contaminated particles and an electrical heater 2. In this case, the ionized polluted particles in the air are collected at the dust collecting section 11 while a hot water blowing operation is being carried out, the dusts can be burn out by heat of the electrical heater 2 and then influence against health of a user and uncomfortable feeling of the use with the polluted air such as pollen, mold or the like can be eliminated.

